

Global Millimeter Wave Magnetron Market Growth 2026-2032

<https://marketpublishers.com/r/G2809D03A90AEN.html>

Date: July 2026

Pages: 120

Price: US\$ 3,660.00 (Single User License)

ID: G2809D03A90AEN

Abstracts

The global Millimeter Wave Magnetron market size is predicted to grow from US\$ 759 million in 2025 to US\$ 1915 million in 2032; it is expected to grow at a CAGR of 15.0% from 2026 to 2032.

A millimeter-wave magnetron is a specialized high-power vacuum tube oscillator designed to generate electromagnetic waves in the 30 GHz to 300 GHz range (with wavelengths ranging from 10 mm to 1 mm). Unlike klystrons or solid-state sources, magnetrons are capable of delivering extremely high peak powers (tens to hundreds of kilowatts) in a relatively compact, rugged package.

In 2025, the global production of millimeter-wave magnetrons will reach 1.86 million units, with an average price of US\$419 per unit.

Upstream mainly involves suppliers of high-purity metals, magnetic materials, ceramic insulating materials, and vacuum electronics manufacturing equipment, along with precision machining and packaging technologies. The industry has high technical barriers, with materials and manufacturing processes accounting for a large share of costs. Downstream applications include defense radar, industrial heating, and plasma equipment, with radar systems as the primary demand driver, along with niche applications in specialized communications and scientific research. As demand for high-frequency applications grows, the market maintains steady demand in niche segments.

The industry is evolving toward higher frequencies, higher efficiency, and miniaturization, with millimeter wave magnetrons advancing to higher frequency bands and greater power density, while complementing solid-state RF devices. Growth is driven by radar system upgrades, expansion of millimeter wave technologies, and

increasing demand for industrial heating and advanced manufacturing. Constraints include high manufacturing complexity, stringent requirements for product lifespan and stability, partial substitution by solid-state devices, and relatively limited market size. Industry gross margins are generally mid-to-high, typically ranging from 35% to 55%, with higher margins for manufacturers possessing advanced production capabilities and core technologies, while lower-end standardized products face margin pressure due to competition. The market overall is characterized by technology-driven competition.

LP Information, Inc. (LPI) ' newest research report, the "Millimeter Wave Magnetron Industry Forecast" looks at past sales and reviews total world Millimeter Wave Magnetron sales in 2025, providing a comprehensive analysis by region and market sector of projected Millimeter Wave Magnetron sales for 2026 through 2032. With Millimeter Wave Magnetron sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Millimeter Wave Magnetron industry.

This Insight Report provides a comprehensive analysis of the global Millimeter Wave Magnetron landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Millimeter Wave Magnetron portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Millimeter Wave Magnetron market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Millimeter Wave Magnetron and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Millimeter Wave Magnetron.

This report presents a comprehensive overview, market shares, and growth opportunities of Millimeter Wave Magnetron market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Ka-Band Type

Q-Band Type

W-Band Type

Segmentation by Output Mode:

Pulsed Type

Quasi-Continuous Type

Segmentation by Structure:

Conventional Cavity Type

Spatial-Harmonic Type

Surface-Wave Type

Segmentation by Application:

High-Resolution Radar

Millimeter-Wave Cloud Radar

Meteorological Sensing

Security and Target Detection

Scientific Research Platforms

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

L3Harris Technologies, Inc.

Communications & Power Industries (CPI)

Mitsubishi Electric Corporation

Teledyne e2v

Thales Group

Toshiba Energy Systems & Solutions Corporation

NPP Toriy

NPP Pulsar

Siemens Energy AG

Samsung Electro-Mechanics

Secunet Security Networks AG

Chengdu Gooo Electric Co., Ltd.

Nanjing Sanle Group Co., Ltd.

Shaanxi Huaxing Electronics Group Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Millimeter Wave Magnetron market?

What factors are driving Millimeter Wave Magnetron market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Millimeter Wave Magnetron market opportunities vary by end market size?

How does Millimeter Wave Magnetron break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Millimeter Wave Magnetron Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Millimeter Wave Magnetron by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Millimeter Wave Magnetron by Country/Region, 2021, 2025 & 2032
- 2.2 Millimeter Wave Magnetron Segment by Type
 - 2.2.1 Ka-Band Type
 - 2.2.2 Q-Band Type
 - 2.2.3 W-Band Type
 - 2.2.4 Millimeter Wave Magnetron Sales by Type
 - 2.2.4.1 Global Millimeter Wave Magnetron Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Millimeter Wave Magnetron Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Millimeter Wave Magnetron Sale Price by Type (2021-2026)
- 2.3 Millimeter Wave Magnetron Segment by Output Mode
 - 2.3.1 Pulsed Type
 - 2.3.2 Quasi-Continuous Type
 - 2.3.3 Millimeter Wave Magnetron Sales by Output Mode
 - 2.3.3.1 Global Millimeter Wave Magnetron Sales Market Share by Output Mode (2021-2026)
 - 2.3.3.2 Global Millimeter Wave Magnetron Revenue and Market Share by Output Mode (2021-2026)
 - 2.3.3.3 Global Millimeter Wave Magnetron Sale Price by Output Mode (2021-2026)

2.4 Millimeter Wave Magnetron Segment by Structure

2.4.1 Conventional Cavity Type

2.4.2 Spatial-Harmonic Type

2.4.3 Surface-Wave Type

2.4.4 Millimeter Wave Magnetron Sales by Structure

2.4.4.1 Global Millimeter Wave Magnetron Sales Market Share by Structure (2021-2026)

2.4.4.2 Global Millimeter Wave Magnetron Revenue and Market Share by Structure (2021-2026)

2.4.4.3 Global Millimeter Wave Magnetron Sale Price by Structure (2021-2026)

2.5 Millimeter Wave Magnetron Segment by Application

2.5.1 High-Resolution Radar

2.5.2 Millimeter-Wave Cloud Radar

2.5.3 Meteorological Sensing

2.5.4 Security and Target Detection

2.5.5 Scientific Research Platforms

2.5.6 Millimeter Wave Magnetron Sales by Application

2.5.6.1 Global Millimeter Wave Magnetron Sale Market Share by Application (2021-2026)

2.5.6.2 Global Millimeter Wave Magnetron Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Millimeter Wave Magnetron Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Millimeter Wave Magnetron Breakdown Data by Company

3.1.1 Global Millimeter Wave Magnetron Annual Sales by Company (2021-2026)

3.1.2 Global Millimeter Wave Magnetron Sales Market Share by Company (2021-2026)

3.2 Global Millimeter Wave Magnetron Annual Revenue by Company (2021-2026)

3.2.1 Global Millimeter Wave Magnetron Revenue by Company (2021-2026)

3.2.2 Global Millimeter Wave Magnetron Revenue Market Share by Company (2021-2026)

3.3 Global Millimeter Wave Magnetron Sale Price by Company

3.4 Key Manufacturers Millimeter Wave Magnetron Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Millimeter Wave Magnetron Product Location Distribution

3.4.2 Players Millimeter Wave Magnetron Products Offered

3.5 Market Concentration Rate Analysis

- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR MILLIMETER WAVE MAGNETRON BY GEOGRAPHIC REGION

- 4.1 World Historic Millimeter Wave Magnetron Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Millimeter Wave Magnetron Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Millimeter Wave Magnetron Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Millimeter Wave Magnetron Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Millimeter Wave Magnetron Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Millimeter Wave Magnetron Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Millimeter Wave Magnetron Sales Growth
- 4.4 APAC Millimeter Wave Magnetron Sales Growth
- 4.5 Europe Millimeter Wave Magnetron Sales Growth
- 4.6 Middle East & Africa Millimeter Wave Magnetron Sales Growth

5 AMERICAS

- 5.1 Americas Millimeter Wave Magnetron Sales by Country
 - 5.1.1 Americas Millimeter Wave Magnetron Sales by Country (2021-2026)
 - 5.1.2 Americas Millimeter Wave Magnetron Revenue by Country (2021-2026)
- 5.2 Americas Millimeter Wave Magnetron Sales by Type (2021-2026)
- 5.3 Americas Millimeter Wave Magnetron Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Millimeter Wave Magnetron Sales by Region

- 6.1.1 APAC Millimeter Wave Magnetron Sales by Region (2021-2026)
- 6.1.2 APAC Millimeter Wave Magnetron Revenue by Region (2021-2026)
- 6.2 APAC Millimeter Wave Magnetron Sales by Type (2021-2026)
- 6.3 APAC Millimeter Wave Magnetron Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Millimeter Wave Magnetron by Country
 - 7.1.1 Europe Millimeter Wave Magnetron Sales by Country (2021-2026)
 - 7.1.2 Europe Millimeter Wave Magnetron Revenue by Country (2021-2026)
- 7.2 Europe Millimeter Wave Magnetron Sales by Type (2021-2026)
- 7.3 Europe Millimeter Wave Magnetron Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Millimeter Wave Magnetron by Country
 - 8.1.1 Middle East & Africa Millimeter Wave Magnetron Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Millimeter Wave Magnetron Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Millimeter Wave Magnetron Sales by Type (2021-2026)
- 8.3 Middle East & Africa Millimeter Wave Magnetron Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Millimeter Wave Magnetron

10.3 Manufacturing Process Analysis of Millimeter Wave Magnetron

10.4 Industry Chain Structure of Millimeter Wave Magnetron

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Millimeter Wave Magnetron Distributors

11.3 Millimeter Wave Magnetron Customer

12 WORLD FORECAST REVIEW FOR MILLIMETER WAVE MAGNETRON BY GEOGRAPHIC REGION

12.1 Global Millimeter Wave Magnetron Market Size Forecast by Region

12.1.1 Global Millimeter Wave Magnetron Forecast by Region (2027-2032)

12.1.2 Global Millimeter Wave Magnetron Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Millimeter Wave Magnetron Forecast by Type (2027-2032)

12.7 Global Millimeter Wave Magnetron Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 L3Harris Technologies, Inc.

13.1.1 L3Harris Technologies, Inc. Company Information

13.1.2 L3Harris Technologies, Inc. Millimeter Wave Magnetron Product Portfolios and Specifications

13.1.3 L3Harris Technologies, Inc. Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 L3Harris Technologies, Inc. Main Business Overview

13.1.5 L3Harris Technologies, Inc. Latest Developments

13.2 Communications & Power Industries (CPI)

13.2.1 Communications & Power Industries (CPI) Company Information

13.2.2 Communications & Power Industries (CPI) Millimeter Wave Magnetron Product Portfolios and Specifications

13.2.3 Communications & Power Industries (CPI) Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Communications & Power Industries (CPI) Main Business Overview

13.2.5 Communications & Power Industries (CPI) Latest Developments

13.3 Mitsubishi Electric Corporation

13.3.1 Mitsubishi Electric Corporation Company Information

13.3.2 Mitsubishi Electric Corporation Millimeter Wave Magnetron Product Portfolios and Specifications

13.3.3 Mitsubishi Electric Corporation Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Mitsubishi Electric Corporation Main Business Overview

13.3.5 Mitsubishi Electric Corporation Latest Developments

13.4 Teledyne e2v

13.4.1 Teledyne e2v Company Information

13.4.2 Teledyne e2v Millimeter Wave Magnetron Product Portfolios and Specifications

13.4.3 Teledyne e2v Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Teledyne e2v Main Business Overview

13.4.5 Teledyne e2v Latest Developments

13.5 Thales Group

13.5.1 Thales Group Company Information

13.5.2 Thales Group Millimeter Wave Magnetron Product Portfolios and Specifications

13.5.3 Thales Group Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Thales Group Main Business Overview

13.5.5 Thales Group Latest Developments

13.6 Toshiba Energy Systems & Solutions Corporation

13.6.1 Toshiba Energy Systems & Solutions Corporation Company Information

13.6.2 Toshiba Energy Systems & Solutions Corporation Millimeter Wave Magnetron

Product Portfolios and Specifications

13.6.3 Toshiba Energy Systems & Solutions Corporation Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Toshiba Energy Systems & Solutions Corporation Main Business Overview

13.6.5 Toshiba Energy Systems & Solutions Corporation Latest Developments

13.7 NPP Toriy

13.7.1 NPP Toriy Company Information

13.7.2 NPP Toriy Millimeter Wave Magnetron Product Portfolios and Specifications

13.7.3 NPP Toriy Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 NPP Toriy Main Business Overview

13.7.5 NPP Toriy Latest Developments

13.8 NPP Pulsar

13.8.1 NPP Pulsar Company Information

13.8.2 NPP Pulsar Millimeter Wave Magnetron Product Portfolios and Specifications

13.8.3 NPP Pulsar Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 NPP Pulsar Main Business Overview

13.8.5 NPP Pulsar Latest Developments

13.9 Siemens Energy AG

13.9.1 Siemens Energy AG Company Information

13.9.2 Siemens Energy AG Millimeter Wave Magnetron Product Portfolios and Specifications

13.9.3 Siemens Energy AG Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Siemens Energy AG Main Business Overview

13.9.5 Siemens Energy AG Latest Developments

13.10 Samsung Electro-Mechanics

13.10.1 Samsung Electro-Mechanics Company Information

13.10.2 Samsung Electro-Mechanics Millimeter Wave Magnetron Product Portfolios and Specifications

13.10.3 Samsung Electro-Mechanics Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Samsung Electro-Mechanics Main Business Overview

13.10.5 Samsung Electro-Mechanics Latest Developments

13.11 Secunet Security Networks AG

13.11.1 Secunet Security Networks AG Company Information

13.11.2 Secunet Security Networks AG Millimeter Wave Magnetron Product Portfolios and Specifications

13.11.3 Secunet Security Networks AG Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Secunet Security Networks AG Main Business Overview

13.11.5 Secunet Security Networks AG Latest Developments

13.12 Chengdu Gooo Electric Co., Ltd.

13.12.1 Chengdu Gooo Electric Co., Ltd. Company Information

13.12.2 Chengdu Gooo Electric Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

13.12.3 Chengdu Gooo Electric Co., Ltd. Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Chengdu Gooo Electric Co., Ltd. Main Business Overview

13.12.5 Chengdu Gooo Electric Co., Ltd. Latest Developments

13.13 Nanjing Sanle Group Co., Ltd.

13.13.1 Nanjing Sanle Group Co., Ltd. Company Information

13.13.2 Nanjing Sanle Group Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

13.13.3 Nanjing Sanle Group Co., Ltd. Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Nanjing Sanle Group Co., Ltd. Main Business Overview

13.13.5 Nanjing Sanle Group Co., Ltd. Latest Developments

13.14 Shaanxi Huaxing Electronics Group Co., Ltd.

13.14.1 Shaanxi Huaxing Electronics Group Co., Ltd. Company Information

13.14.2 Shaanxi Huaxing Electronics Group Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

13.14.3 Shaanxi Huaxing Electronics Group Co., Ltd. Millimeter Wave Magnetron Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Shaanxi Huaxing Electronics Group Co., Ltd. Main Business Overview

13.14.5 Shaanxi Huaxing Electronics Group Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Millimeter Wave Magnetron Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Millimeter Wave Magnetron Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Ka-Band Type

Table 4. Major Players of Q-Band Type

Table 5. Major Players of W-Band Type

Table 6. Global Millimeter Wave Magnetron Sales by Type (2021-2026) & (K Units)

Table 7. Global Millimeter Wave Magnetron Sales Market Share by Type (2021-2026)

Table 8. Global Millimeter Wave Magnetron Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Millimeter Wave Magnetron Revenue Market Share by Type (2021-2026)

Table 10. Global Millimeter Wave Magnetron Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Major Players of Pulsed Type

Table 12. Major Players of Quasi-Continuous Type

Table 13. Global Millimeter Wave Magnetron Sales by Output Mode (2021-2026) & (K Units)

Table 14. Global Millimeter Wave Magnetron Sales Market Share by Output Mode (2021-2026)

Table 15. Global Millimeter Wave Magnetron Revenue by Output Mode (2021-2026) & (\$ million)

Table 16. Global Millimeter Wave Magnetron Revenue Market Share by Output Mode (2021-2026)

Table 17. Global Millimeter Wave Magnetron Sale Price by Output Mode (2021-2026) & (US\$/Unit)

Table 18. Major Players of Conventional Cavity Type

Table 19. Major Players of Spatial-Harmonic Type

Table 20. Major Players of Surface-Wave Type

Table 21. Global Millimeter Wave Magnetron Sales by Structure (2021-2026) & (K Units)

Table 22. Global Millimeter Wave Magnetron Sales Market Share by Structure (2021-2026)

Table 23. Global Millimeter Wave Magnetron Revenue by Structure (2021-2026) & (\$ million)

Table 24. Global Millimeter Wave Magnetron Revenue Market Share by Structure (2021-2026)

Table 25. Global Millimeter Wave Magnetron Sale Price by Structure (2021-2026) & (US\$/Unit)

Table 26. Global Millimeter Wave Magnetron Sale by Application (2021-2026) & (K Units)

Table 27. Global Millimeter Wave Magnetron Sale Market Share by Application (2021-2026)

Table 28. Global Millimeter Wave Magnetron Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Millimeter Wave Magnetron Revenue Market Share by Application (2021-2026)

Table 30. Global Millimeter Wave Magnetron Sale Price by Application (2021-2026) & (US\$/Unit)

Table 31. Global Millimeter Wave Magnetron Sales by Company (2021-2026) & (K Units)

Table 32. Global Millimeter Wave Magnetron Sales Market Share by Company (2021-2026)

Table 33. Global Millimeter Wave Magnetron Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Millimeter Wave Magnetron Revenue Market Share by Company (2021-2026)

Table 35. Global Millimeter Wave Magnetron Sale Price by Company (2021-2026) & (US\$/Unit)

Table 36. Key Manufacturers Millimeter Wave Magnetron Producing Area Distribution and Sales Area

Table 37. Players Millimeter Wave Magnetron Products Offered

Table 38. Millimeter Wave Magnetron Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Millimeter Wave Magnetron Sales by Geographic Region (2021-2026) & (K Units)

Table 42. Global Millimeter Wave Magnetron Sales Market Share Geographic Region (2021-2026)

Table 43. Global Millimeter Wave Magnetron Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 44. Global Millimeter Wave Magnetron Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Millimeter Wave Magnetron Sales by Country/Region (2021-2026) & (K Units)

Table 46. Global Millimeter Wave Magnetron Sales Market Share by Country/Region (2021-2026)

Table 47. Global Millimeter Wave Magnetron Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Millimeter Wave Magnetron Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Millimeter Wave Magnetron Sales by Country (2021-2026) & (K Units)

Table 50. Americas Millimeter Wave Magnetron Sales Market Share by Country (2021-2026)

Table 51. Americas Millimeter Wave Magnetron Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Millimeter Wave Magnetron Sales by Type (2021-2026) & (K Units)

Table 53. Americas Millimeter Wave Magnetron Sales by Application (2021-2026) & (K Units)

Table 54. APAC Millimeter Wave Magnetron Sales by Region (2021-2026) & (K Units)

Table 55. APAC Millimeter Wave Magnetron Sales Market Share by Region (2021-2026)

Table 56. APAC Millimeter Wave Magnetron Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Millimeter Wave Magnetron Sales by Type (2021-2026) & (K Units)

Table 58. APAC Millimeter Wave Magnetron Sales by Application (2021-2026) & (K Units)

Table 59. Europe Millimeter Wave Magnetron Sales by Country (2021-2026) & (K Units)

Table 60. Europe Millimeter Wave Magnetron Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Millimeter Wave Magnetron Sales by Type (2021-2026) & (K Units)

Table 62. Europe Millimeter Wave Magnetron Sales by Application (2021-2026) & (K Units)

Table 63. Middle East & Africa Millimeter Wave Magnetron Sales by Country (2021-2026) & (K Units)

Table 64. Middle East & Africa Millimeter Wave Magnetron Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa Millimeter Wave Magnetron Sales by Type (2021-2026) & (K Units)

Table 66. Middle East & Africa Millimeter Wave Magnetron Sales by Application (2021-2026) & (K Units)

Table 67. Key Market Drivers & Growth Opportunities of Millimeter Wave Magnetron
Table 68. Key Market Challenges & Risks of Millimeter Wave Magnetron
Table 69. Key Industry Trends of Millimeter Wave Magnetron
Table 70. Millimeter Wave Magnetron Raw Material
Table 71. Key Suppliers of Raw Materials
Table 72. Millimeter Wave Magnetron Distributors List
Table 73. Millimeter Wave Magnetron Customer List
Table 74. Global Millimeter Wave Magnetron Sales Forecast by Region (2027-2032) & (K Units)
Table 75. Global Millimeter Wave Magnetron Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 76. Americas Millimeter Wave Magnetron Sales Forecast by Country (2027-2032) & (K Units)
Table 77. Americas Millimeter Wave Magnetron Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 78. APAC Millimeter Wave Magnetron Sales Forecast by Region (2027-2032) & (K Units)
Table 79. APAC Millimeter Wave Magnetron Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 80. Europe Millimeter Wave Magnetron Sales Forecast by Country (2027-2032) & (K Units)
Table 81. Europe Millimeter Wave Magnetron Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 82. Middle East & Africa Millimeter Wave Magnetron Sales Forecast by Country (2027-2032) & (K Units)
Table 83. Middle East & Africa Millimeter Wave Magnetron Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 84. Global Millimeter Wave Magnetron Sales Forecast by Type (2027-2032) & (K Units)
Table 85. Global Millimeter Wave Magnetron Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 86. Global Millimeter Wave Magnetron Sales Forecast by Application (2027-2032) & (K Units)
Table 87. Global Millimeter Wave Magnetron Revenue Forecast by Application (2027-2032) & (\$ millions)
Table 88. L3Harris Technologies, Inc. Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors
Table 89. L3Harris Technologies, Inc. Millimeter Wave Magnetron Product Portfolios and Specifications

Table 90. L3Harris Technologies, Inc. Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. L3Harris Technologies, Inc. Main Business

Table 92. L3Harris Technologies, Inc. Latest Developments

Table 93. Communications & Power Industries (CPI) Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 94. Communications & Power Industries (CPI) Millimeter Wave Magnetron Product Portfolios and Specifications

Table 95. Communications & Power Industries (CPI) Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Communications & Power Industries (CPI) Main Business

Table 97. Communications & Power Industries (CPI) Latest Developments

Table 98. Mitsubishi Electric Corporation Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 99. Mitsubishi Electric Corporation Millimeter Wave Magnetron Product Portfolios and Specifications

Table 100. Mitsubishi Electric Corporation Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Mitsubishi Electric Corporation Main Business

Table 102. Mitsubishi Electric Corporation Latest Developments

Table 103. Teledyne e2v Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 104. Teledyne e2v Millimeter Wave Magnetron Product Portfolios and Specifications

Table 105. Teledyne e2v Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Teledyne e2v Main Business

Table 107. Teledyne e2v Latest Developments

Table 108. Thales Group Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 109. Thales Group Millimeter Wave Magnetron Product Portfolios and Specifications

Table 110. Thales Group Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Thales Group Main Business

Table 112. Thales Group Latest Developments

Table 113. Toshiba Energy Systems & Solutions Corporation Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 114. Toshiba Energy Systems & Solutions Corporation Millimeter Wave

Magnetron Product Portfolios and Specifications

Table 115. Toshiba Energy Systems & Solutions Corporation Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Toshiba Energy Systems & Solutions Corporation Main Business

Table 117. Toshiba Energy Systems & Solutions Corporation Latest Developments

Table 118. NPP Toriy Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 119. NPP Toriy Millimeter Wave Magnetron Product Portfolios and Specifications

Table 120. NPP Toriy Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. NPP Toriy Main Business

Table 122. NPP Toriy Latest Developments

Table 123. NPP Pulsar Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 124. NPP Pulsar Millimeter Wave Magnetron Product Portfolios and Specifications

Table 125. NPP Pulsar Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. NPP Pulsar Main Business

Table 127. NPP Pulsar Latest Developments

Table 128. Siemens Energy AG Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 129. Siemens Energy AG Millimeter Wave Magnetron Product Portfolios and Specifications

Table 130. Siemens Energy AG Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Siemens Energy AG Main Business

Table 132. Siemens Energy AG Latest Developments

Table 133. Samsung Electro-Mechanics Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 134. Samsung Electro-Mechanics Millimeter Wave Magnetron Product Portfolios and Specifications

Table 135. Samsung Electro-Mechanics Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. Samsung Electro-Mechanics Main Business

Table 137. Samsung Electro-Mechanics Latest Developments

Table 138. Secunet Security Networks AG Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 139. Secunet Security Networks AG Millimeter Wave Magnetron Product Portfolios and Specifications

Table 140. Secunet Security Networks AG Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. Secunet Security Networks AG Main Business

Table 142. Secunet Security Networks AG Latest Developments

Table 143. Chengdu Gooo Electric Co., Ltd. Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 144. Chengdu Gooo Electric Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

Table 145. Chengdu Gooo Electric Co., Ltd. Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 146. Chengdu Gooo Electric Co., Ltd. Main Business

Table 147. Chengdu Gooo Electric Co., Ltd. Latest Developments

Table 148. Nanjing Sanle Group Co., Ltd. Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 149. Nanjing Sanle Group Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

Table 150. Nanjing Sanle Group Co., Ltd. Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 151. Nanjing Sanle Group Co., Ltd. Main Business

Table 152. Nanjing Sanle Group Co., Ltd. Latest Developments

Table 153. Shaanxi Huaxing Electronics Group Co., Ltd. Basic Information, Millimeter Wave Magnetron Manufacturing Base, Sales Area and Its Competitors

Table 154. Shaanxi Huaxing Electronics Group Co., Ltd. Millimeter Wave Magnetron Product Portfolios and Specifications

Table 155. Shaanxi Huaxing Electronics Group Co., Ltd. Millimeter Wave Magnetron Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 156. Shaanxi Huaxing Electronics Group Co., Ltd. Main Business

Table 157. Shaanxi Huaxing Electronics Group Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Millimeter Wave Magnetron
- Figure 2. Millimeter Wave Magnetron Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Millimeter Wave Magnetron Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Millimeter Wave Magnetron Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Millimeter Wave Magnetron Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Millimeter Wave Magnetron Sales Market Share by Country/Region (2025)
- Figure 10. Millimeter Wave Magnetron Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Ka-Band Type
- Figure 12. Product Picture of Q-Band Type
- Figure 13. Product Picture of W-Band Type
- Figure 14. Global Millimeter Wave Magnetron Sales Market Share by Type in 2026
- Figure 15. Global Millimeter Wave Magnetron Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Pulsed Type
- Figure 17. Product Picture of Quasi-Continuous Type
- Figure 18. Global Millimeter Wave Magnetron Sales Market Share by Output Mode in 2026
- Figure 19. Global Millimeter Wave Magnetron Revenue Market Share by Output Mode (2021-2026)
- Figure 20. Product Picture of Conventional Cavity Type
- Figure 21. Product Picture of Spatial-Harmonic Type
- Figure 22. Product Picture of Surface-Wave Type
- Figure 23. Global Millimeter Wave Magnetron Sales Market Share by Structure in 2026
- Figure 24. Global Millimeter Wave Magnetron Revenue Market Share by Structure (2021-2026)
- Figure 25. Millimeter Wave Magnetron Consumed in High-Resolution Radar
- Figure 26. Global Millimeter Wave Magnetron Market: High-Resolution Radar (2021-2026) & (K Units)
- Figure 27. Millimeter Wave Magnetron Consumed in Millimeter-Wave Cloud Radar

Figure 28. Global Millimeter Wave Magnetron Market: Millimeter-Wave Cloud Radar (2021-2026) & (K Units)

Figure 29. Millimeter Wave Magnetron Consumed in Meteorological Sensing

Figure 30. Global Millimeter Wave Magnetron Market: Meteorological Sensing (2021-2026) & (K Units)

Figure 31. Millimeter Wave Magnetron Consumed in Security and Target Detection

Figure 32. Global Millimeter Wave Magnetron Market: Security and Target Detection (2021-2026) & (K Units)

Figure 33. Millimeter Wave Magnetron Consumed in Scientific Research Platforms

Figure 34. Global Millimeter Wave Magnetron Market: Scientific Research Platforms (2021-2026) & (K Units)

Figure 35. Global Millimeter Wave Magnetron Sale Market Share by Application (2025)

Figure 36. Global Millimeter Wave Magnetron Revenue Market Share by Application in 2025

Figure 37. Millimeter Wave Magnetron Sales by Company in 2025 (K Units)

Figure 38. Global Millimeter Wave Magnetron Sales Market Share by Company in 2025

Figure 39. Millimeter Wave Magnetron Revenue by Company in 2025 (\$ millions)

Figure 40. Global Millimeter Wave Magnetron Revenue Market Share by Company in 2025

Figure 41. Global Millimeter Wave Magnetron Sales Market Share by Geographic Region (2021-2026)

Figure 42. Global Millimeter Wave Magnetron Revenue Market Share by Geographic Region in 2025

Figure 43. Americas Millimeter Wave Magnetron Sales 2021-2026 (K Units)

Figure 44. Americas Millimeter Wave Magnetron Revenue 2021-2026 (\$ millions)

Figure 45. APAC Millimeter Wave Magnetron Sales 2021-2026 (K Units)

Figure 46. APAC Millimeter Wave Magnetron Revenue 2021-2026 (\$ millions)

Figure 47. Europe Millimeter Wave Magnetron Sales 2021-2026 (K Units)

Figure 48. Europe Millimeter Wave Magnetron Revenue 2021-2026 (\$ millions)

Figure 49. Middle East & Africa Millimeter Wave Magnetron Sales 2021-2026 (K Units)

Figure 50. Middle East & Africa Millimeter Wave Magnetron Revenue 2021-2026 (\$ millions)

Figure 51. Americas Millimeter Wave Magnetron Sales Market Share by Country in 2025

Figure 52. Americas Millimeter Wave Magnetron Revenue Market Share by Country (2021-2026)

Figure 53. Americas Millimeter Wave Magnetron Sales Market Share by Type (2021-2026)

Figure 54. Americas Millimeter Wave Magnetron Sales Market Share by Application

(2021-2026)

Figure 55. United States Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 56. Canada Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 57. Mexico Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 58. Brazil Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 59. APAC Millimeter Wave Magnetron Sales Market Share by Region in 2025

Figure 60. APAC Millimeter Wave Magnetron Revenue Market Share by Region (2021-2026)

Figure 61. APAC Millimeter Wave Magnetron Sales Market Share by Type (2021-2026)

Figure 62. APAC Millimeter Wave Magnetron Sales Market Share by Application (2021-2026)

Figure 63. China Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 64. Japan Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 65. South Korea Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 66. Southeast Asia Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 67. India Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 68. Australia Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 69. China Taiwan Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 70. Europe Millimeter Wave Magnetron Sales Market Share by Country in 2025

Figure 71. Europe Millimeter Wave Magnetron Revenue Market Share by Country (2021-2026)

Figure 72. Europe Millimeter Wave Magnetron Sales Market Share by Type (2021-2026)

Figure 73. Europe Millimeter Wave Magnetron Sales Market Share by Application (2021-2026)

Figure 74. Germany Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 75. France Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 76. UK Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 77. Italy Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 78. Russia Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 79. Middle East & Africa Millimeter Wave Magnetron Sales Market Share by Country (2021-2026)

Figure 80. Middle East & Africa Millimeter Wave Magnetron Sales Market Share by

Type (2021-2026)

Figure 81. Middle East & Africa Millimeter Wave Magnetron Sales Market Share by Application (2021-2026)

Figure 82. Egypt Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 83. South Africa Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 84. Israel Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 85. Turkey Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 86. GCC Countries Millimeter Wave Magnetron Revenue Growth 2021-2026 (\$ millions)

Figure 87. Manufacturing Cost Structure Analysis of Millimeter Wave Magnetron in 2026

Figure 88. Manufacturing Process Analysis of Millimeter Wave Magnetron

Figure 89. Industry Chain Structure of Millimeter Wave Magnetron

Figure 90. Channels of Distribution

Figure 91. Global Millimeter Wave Magnetron Sales Market Forecast by Region (2027-2032)

Figure 92. Global Millimeter Wave Magnetron Revenue Market Share Forecast by Region (2027-2032)

Figure 93. Global Millimeter Wave Magnetron Sales Market Share Forecast by Type (2027-2032)

Figure 94. Global Millimeter Wave Magnetron Revenue Market Share Forecast by Type (2027-2032)

Figure 95. Global Millimeter Wave Magnetron Sales Market Share Forecast by Application (2027-2032)

Figure 96. Global Millimeter Wave Magnetron Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Millimeter Wave Magnetron Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G2809D03A90AEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2809D03A90AEN.html>